

09616278.071400



Figure 2

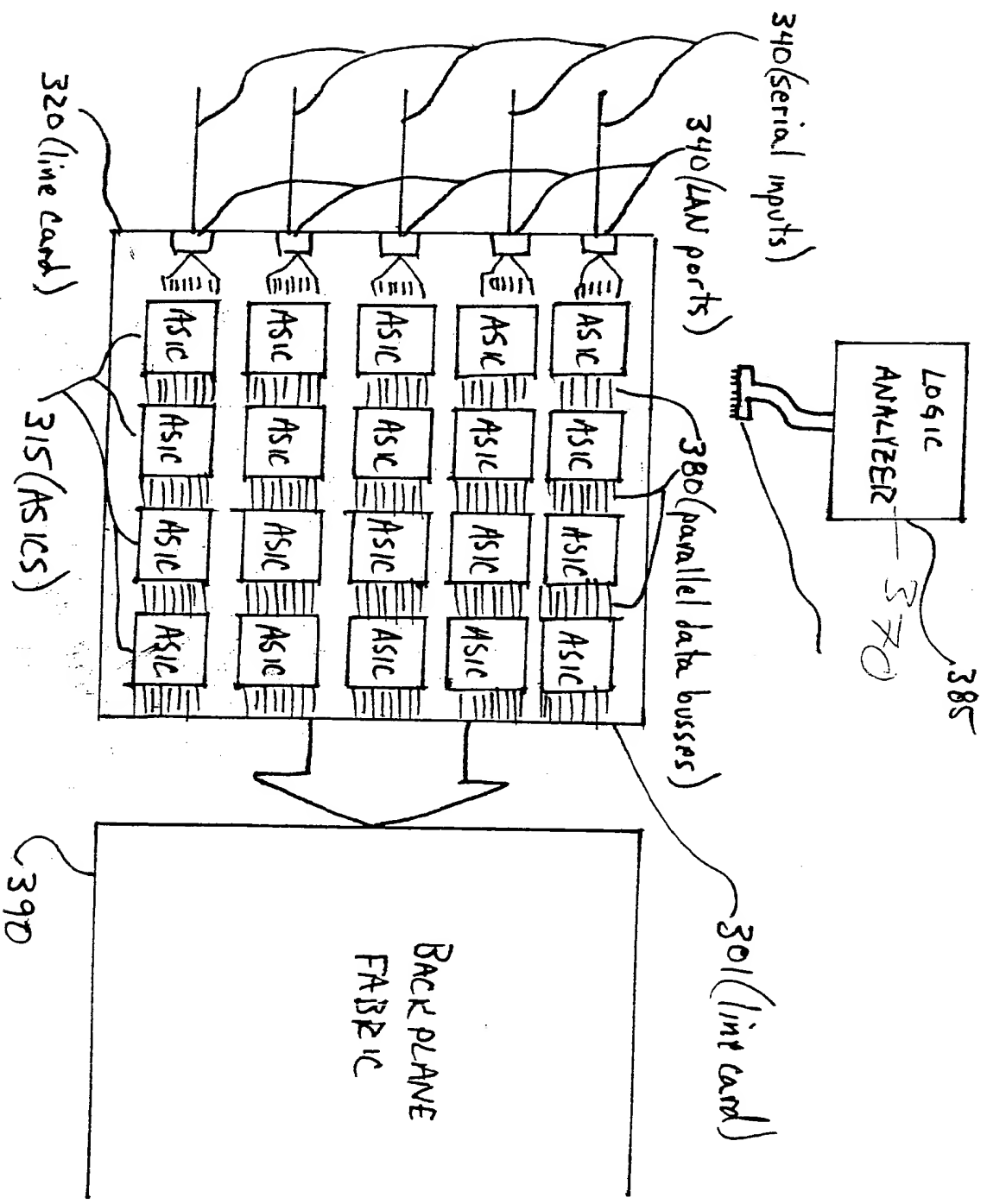


FIG. 3

Destination Address:	48 bits:	1 1-XX-XX-1 1-XX-XX-XX
Source Address:	48 bits:	XX-XX-XX-XX-XX-XX-XX
Length/type:	16 bits:	XXXX

Fig. 4a

<u>Data Bit Block</u>	<u>Don't Care Mask</u>
11	00
00	ff
00	ff
11	00
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff

Fig. 4b

Destination Address: 48 bits: XX-XX-XX-1 1-XX-XX-XX
Source Address: 48 bits: XX-XX-XX-XX-XX-XX-XX
Length/type: 16 bits: 0800

Fig. 4c

<u>Data Bit Block</u>	<u>Don't Care Mask</u>
11	00
00	ff
00	ff
11	00
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
08	00
00	00

Fig. 4d

521 522 523 525 275 125 05070" 535 536 537 539

Event Editor

Event Name: ☐ Long Field Names

Protocol Stack

- Transmission Control Protocol
- Internet Protocol
- Ethernet in ATM (8-bit Utopia)

Ethernet in ATM (8-bit Utopia)

Generic Flow Control	<input checked="" type="checkbox"/>	Hex	<input type="text"/>
Virtual Path	<input checked="" type="checkbox"/>	Hex	<input type="text"/>
Virtual Channel	<input checked="" type="checkbox"/>	Hex	<input type="text"/>
Payload Type	<input checked="" type="checkbox"/>	Hex	<input type="text"/>
Cell Loss Priority	<input checked="" type="checkbox"/>	Hex	<input type="text"/>
Error Correction	<input checked="" type="checkbox"/>	Hex	<input type="text"/>
Dest Addr	<input checked="" type="checkbox"/>	Hardware Addr	<input type="text"/>
Src Addr	<input checked="" type="checkbox"/>	Hardware Addr	<input type="text"/>
Length/Type	<input checked="" type="checkbox"/>	Symbols	<input type="text"/>

530

Fig 5

520

629 622 623 610 625 627 639

Event Editor

Event Name: UDP

View Packet Bits

Protocol Stack

Transmission Control Protocol

☒ Internet Protocol

☒ Ethernet in ATM (8-bit Utop)

Internet Protocol

Version

Header Length

Precedence

Delay

Throughput

Reliability

Cost

MBZ

Total Length

Identification

Zero

Do not fragment

May Fragment

Fragment Offset

Time To Live

Protocol

Header Checksum

Src Addr

Dest Addr

☒

XX

Don't Care

Don't Care

Don't Care

Don't Care

Don't Care

X

XXXX

XXXX

X

X

X

XXXX

XXX

Transmission Control Protocol

XXXX

XXX.XXX.XXX.XXX

XXX.XXX.XXX.XXX

Hex

Decimal

Symbols

Symbols

Symbols

Symbols

Symbols

Symbols

Binary

Decimal

Hex

Binary

Binary

Binary

Decimal

Decimal

Symbols

Hex

Dot Notation

Dot Notation

630

620

Fig 6

721 722 723 710 735 737 739

Event Editor

Event Name: UDP View Packet Bits

Protocol Stack

- Transmission Control Protocol
- Internet Protocol
- Ethernet in ATM (8-bit Utop)

Transmission Control Protocol

☐ Long Field Names

Source Port	Don't Care	Symbols
Destination Port	FTP	Symbols
Sequence Number	2220000000	Decimal
Acknowledgement Number	XXXXXXXXXX	Decimal
Data Offset (32-bit words)	XX	Decimal
Reserved	XX	Hex
Urgent Pointer	Don't Care	Symbols
Acknowledgement	Don't Care	Symbols
Push Function	Don't Care	Symbols
Reset The Connection	Don't Care	Symbols
Synchronize Sequence Numbers	Don't Care	Symbols
No More Data From Sender	Don't Care	Symbols
Window (bytes)	XXXX	Decimal
Checksum	XXXX	Hex
Urgent Pointer	XXXX	Hex

Close

720 730

Fig 7

805

Event #1 - Packet # X	
08.....15
1	XXXXXXXXXXXXXXXXXX
2	XXXXXXXXXXXXXXXXXX
3	XXXXXXXXXXXXXXXXXX
4	XXXXXXXXXXXXXXXXXX
5	XXXXXXXXXXXXXXXXXX
6	0000100000000000
7	XXXXXXXXXXXXXXXXXX
8	XXXXXXXXXXXXXXXXXX
9	XXXXXXXXXXXXXXXXXX
10	XXXXXXXXXXXXXXXXXX
11	XXXXXXXXXXXX0000001
12	XXXXXXXXXXXX0000001
13	0000101100001011
14	0000101100001011
15	0000101100001011
16	0000101100001011
17	XXXXXXXXXXXXXXXXXX
18	XXXXXXXXXXXXXXXXXX

801
802
803
804
806

800 840 850 860 870

1 FIND PACKET

1.1 If TxSOP = 1 Binary occurs 1 time then Goto 1.2

1.2 If Anything occurs 5 times consecutively then Goto 1.3

1.3 If TxDATA = 0000100000000000 Binary occurs 1 time then Goto 1.4

Else If Anything then Goto 1.1

1.4 If Anything occurs 4 times consecutively then Goto 1.5

1.5 If TxDATA = XXXXXXXX00000001 Binary occurs 1 time then Goto 1.6

Else If Anything then Goto 1.1

1.6 If Anything occurs 1 time then Goto 1.7

1.7 If TxDATA = 0000101100001011 Binary occurs 4 times consecutively then Trigger and fill memory

Else If Anything then Goto 1.1

807

File Window Edit Options Clear Help

Sampling | Format | Trigger | Symbol

Trigger Sequence

Help Close

FIG 8a

FIG 8b